

## **ATTACHMENT A: DPTS-22 REPORT**

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**ENVIRONMENTAL INCIDENT REPORT  
SPILL DPTS-22  
DAKOTA PLAINS HOLDINGS INC., FACILITY**

**New Town, North Dakota**

**January 20, 2014**

# Environmental Incident Report

Three Affiliated Tribes (TAT) Tribal Response Program (TRP) 701.627.4569 or cell 710.421.9921

This form is NOT for RCRA-exempt oilfield related incidents

Fill out information as completely as possible

## Location Information:

County: *Mountrail*

Township: *152N*

Range: *92W*

Section: *20*

Quarter: *NE*

QQSection: *NI/2*

QQQSection: *NA*

## Incident Information:

Distance to Nearest Residence or Occupied Building: *540 Feet*

Date: *05/04/12*

Time (24-hour time): *2100 hours*

Type: Rail Car Overfill

(Fire, Pump Leak, Tank Leak, Pipeline Leak, Tank Overflow,  
Vehicle Accident, Other)

Estimated Duration: *5 minutes*

Estimated Volume: *50 barrels*

Substance released: *Bakken Crude Oil*

Agriculture Related? (Yes, No): *No*

Is this substance on EPA's Extremely Hazardous Substance list?  
(Unknown, Yes, No): *No*

Describe Cause:

**Railcar over filled during tanker truck transloading in heavy rain conditions. Railcar was overfilled when operator miscalculated the amount of space remaining in the railcar to receive oil.**

Action Taken and recommended/Planned Future Action (how spill was contained, soil excavated, emergency approval to burn contaminant, evacuation of nearby personnel, etc.):

***See Attached Supplemental Environmental Incident Report DPTS-22, by URS dated January 20, 2014.***

Where will recovered wastes be disposed?

***Sawyer Disposal Services LLC Landfill facility near Sawyer, ND***

### **Impact Information:**

Fatalities: ***none***

Injuries: ***none***

Medium affected: ***soil***

(air, water, soil, water & soil, air & soil, water & air, air water & soil, other)

Immediate Risk Evaluation (explosive atmosphere, immediate health hazards, etc.)

***The site has been remediated.***

Potential Environmental Impacts

(describe impacts to, or likelihood of impacts, to surface water, ground water, soils, etc.)

***None post remediation.***

### **Responsible Party Information:**

Responsible Party: TJMD, LLP

Address (Line 1): 8573 29<sup>th</sup> Street NW

Address (Line 2):

City: New Town

State/Province: North Dakota

Zip: 58763

Contact First Name: Virgil

Contact Last Name: White Owl

Contact Telephone: 701-421-6325

Contact Email:

Property Owner if not the Responsible Party: ***Dakota***

***Petroleum Transportation Solutions***

Has or will the incident be reported to property owner: ***Yes***

### **Reporting Information:**

First Name: ***Virgil***

Last Name: ***White Owl***

Telephone: ***701.421.6325***

Date Reported: 5/5/2012

Time Reported (24-hour time): 0200 hours

Property Owner if not the Responsible Party: ***Dakota***

***Petroleum Transportation Solutions***

Has or will the incident be reported to property owner: ***Yes***

Other agencies that have or will be notified

- ☐ NDDES
- ☐ State Fire Marshal
- ☐ State Highway Patrol
- ☐ Local Fire Department
- ☐ Local Law Enforcement
- ☐ Local Emergency Manager

Other: \_

- a. ND Hazardous Materials Emergency Assistance & Spill Reporting On-Call Operator: (800) 472-2721
- b. Wayne Crimp (ND Department of Health): (701) 527-1831
- c. Ray DeBoars (ND Department of Emergency Services): (701) 328-8112
- d. Cathy (Three Affiliated Tribes Police Dept Dispatch): (701) 627-3617
- e. Joe Gillies (Three Affiliated Tribes MHA Energy Environmental Officer): (701) 421-8240
- f. Cliff Whitman (Three Affiliated Tribes Homeland Security Emergency Manager): (701) 627-4805
- g. Scott Brown (Earthmovers, Inc.): (701) 720-8565

Has or will the incident be reported to the NRC ?? 1-800-424-8802

*No*

**Official Use Only:**

TAT Agency Person Who Received Call First Name

Last Name

Telephone


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1000 E. Calgary Ave.  
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Bismarck, North Dakota 58503  
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**SUPPLEMENTAL ENVIRONMENTAL INCIDENT REPORT  
SPILL DPTS-22  
DAKOTA PLAINS HOLDINGS INC., FACILITY**

**New Town, North Dakota**

**January 20, 2014**

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Figure 6	DPTS-22 Confirmation Sampling in SW Grassy Area

#### **APPENDICES**

Appendix A	Photo Documentation
Appendix B	Impacted Soil Manifests
Appendix C	Report of Density Tests of Compacted Fill
Appendix D	Report of Laboratory Analysis

## 1.0 SPILL LOCATION INFORMATION

On May 4, 2012, an oil spill reported to be in excess of 50 barrels occurred at the Dakota Plains Holdings Inc. facility in New Town, North Dakota (**Figure 1**). The spill, documented and referred to as DPTS-22, occurred approximately 540 ft. from the facility office and approximately 1,800 ft. east from the west end of track #3. DPTS-22 originated from overfill of a rail car tanker located on track #3 and occurred during a heavy rain storm that diverted the oil into the swale between tracks #3 and #4 and continued to flow westward to the west end of the tracks. At the west end of the tracks a soil berm diverted the oil spill south over the bank and down into a grassy area (**Figure 2**).

## 2.0 EXCAVATION OPERATIONS

On May 5, 2012, URS initiated a cleanup of DPTS-22. Earthmovers, of Minot, North Dakota, placed booms along the tracks and built a temporary basin near the overflow of the bank (photos included in **Appendix A**). The temporary basin, which contained flow from the swale between the tracks, was an oil/water mixture that was pumped by vacuum trucks. Approximately 560 barrels of the mixture was removed from the site by Iowa Tanklines, Inc., a subcontractor to Earthmovers, and transported off site for disposal as non-hazardous waste in an injection well at Buckhorn Energy Services (manifests provided in **Appendix B**).

Adsorbent pads were continually used to capture oil in the spill area, along the tracks, and in the grassy area. In addition, to prevent further oil spread, site storm water from non-impacted areas was diverted to a ditch. A site plan detailing the storm water flow and spill impact areas is shown in **Figure 2**.

Approximately 19 tons of impacted soil was removed from the site, transported to, and properly disposed at Sawyer Disposal Services LLC landfill facility near Sawyer, North Dakota. Excavation manifests are presented in **Appendix B**. Soil sampling was conducted at five locations near the outfall area on May 9, 2012, which are shown in **Figure 3**. In addition, eight soil samples were collected on June 3, 2012, from the swale area between tracks 3 and 4, in the west boom area, and the south grassy area. These locations are shown on **Figure 4**.

On May 30, 2012, a section of track #3 was removed and URS directed the excavation of impacted soil from the area where DPTS-22 originated. The excavation area and soil samples are shown in **Figure 5**. Approximately 285 tons of impacted soil was removed from the site, transported to, and properly disposed at Sawyer Disposal Services LLC landfill facility near Sawyer, North Dakota. Excavation manifests are presented in **Appendix B**. Seven confirmation samples were collected on May 30, 2012 for laboratory analysis. The excavation area was filled and compacted with clean material. Density tests were performed and track #3 was reinstalled; the Report of Density Tests of Compacted Fill is located in **Appendix C**.

On October 7, 2013, URS excavated the location on the road bed at sampling location DPTS-22-NW for resampling. This sample location had exceeded the action limits in May 30, 2012. The sample is referred to as DPTS-22-NW-R, which was collected and shipped to the laboratory for analysis. The sampling location is shown in **Figure 5**.



### 3.0 DATA SUMMARY AND ANALYSIS

On May 9, 2012, five confirmation soil samples were collected for laboratory analysis from the oil/water flowage areas at the southwest corner of the facility. The locations of the samples and headspace readings are shown on **Figure 3**. A summary of the analytical testing results are shown in **Table 1**. The analytical reports for the multiple sampling events are presented in **Appendix D**.

**Table 1**  
**Laboratory Analysis Soil Verification DPTS-22**  
**Oil / Water Flowage Areas**  
**Dakota Plains Holdings Transloading Facility, New Town, ND**

Sample Location		DPTS-22PP	DPTS-22Bank	DPTS-22 Pond (Mid)	DPTS-22 Boom Clump	DPTS-22 East Swamp	Action Level
	Units						
Sample Date		5/09/2012	5/09/2012	5/09/2012	5/09/2012	5/09/2012	
Lithology		Gravel Fill	Gravel Fill	Gravel Fill	Gravel Fill	Gravel Fill	
Depth	(feet)	0.75	0.75	1	1	2	
Chemical of Concern							
TEM	mg/kg	3.4J	3.8J	4.2J	1.6J	4.6J	10
TEHs	mg/kg	NA	NA	NA	NA	NA	10
Benzene	µg/kg	ND	ND	ND	ND	ND	200
Ethylbenzene	µg/kg	ND	ND	ND	ND	ND	1,500
Toluene	µg/kg	ND	ND	ND	ND	ND	1,000
Xylene (Total)	µg/kg	ND	ND	ND	ND	ND	300,000

Notes: mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm) dry weight  
 µg/kg = Micrograms per kilogram dry weight  
 ND = Not detected to reporting limits  
 NA = Not Analyzed  
 J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

Concentrations of the confirmation soil samples collected during the May 9, 2012 excavation activities were below the Total Extractable Materials (TEM) action limit of 10 milligrams per kilogram (mg/kg). No volatiles were detected.

During track removal activities on May 30, 2012, seven confirmation soil samples were collected from the excavated area near the DPTS-22 spill origination point. The location of the samples and headspace readings are shown in **Figure 5**. A summary of the analytical testing results are shown in **Table 2**.

**Table 2**  
**Laboratory Analysis Soil Verification DPTS-22**  
**Track Excavation**  
**Dakota Petroleum Transportation Solutions Facility, New Town, ND**

Sample Location		DPTS-22-SW	DPTS-22-NW	DPTS-22-N	DPTS-22-E	DPTS-22-SE	DPTS-22-MID	DPTS-22-NE	Action Levels
	Units								
Sample Date		5/30/12	5/30/12	5/30/12	5/30/12	5/30/12	5/30/12	5/30/12	
Lithology		Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	
Depth	(feet)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
Chemical of Concern									
TEM	mg/kg	5.4J	<b>17.6</b>	3.3J	3.5J	3.3J	2.2J	3.8J	10
TEHs	mg/kg	NA	<b>17.6</b>	NA	NA	NA	NA	NA	10
Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	200
Ethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	1,500
Toluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	1,000
Xylene (Total)	µg/kg	ND	ND	ND	ND	ND	ND	ND	300,000

Notes: mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm) dry weight  
µg/kg = Micrograms per kilogram dry weight  
ND = Not detected to reporting limits  
NA = Not Analyzed  
J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.  
**BOLD** – Detected result exceeds Action Level

Concentrations of the confirmation soil samples collected during the May 30, 2012 excavation activities were below the TEM action limit of 10 mg/kg at six of the seven sample locations. At location DPTS-22-NW, the TEM action limit was exceeded and as a result the sample was analyzed for Total Extractable Hydrocarbons (TEH), which also exceeded the action limit of 10 mg/kg. No volatiles were detected.

On June 3, 2012, eight confirmation soil samples were collected from areas impacted by the DPTS-22 spill. Five samples were collected from the swale between track #3 and track #4. Also, three additional samples were collected in the outfall area at the southwest corner of the facility. Sample locations and headspace readings are shown in **Figure 4**. A summary of the analytical testing results are shown in **Table 3**.

**Table 3**  
**Laboratory Analysis Soil Verification DPTS-22**  
**Trench between Track #3 and Track #4, South and West Boom, and Grassy Area**  
**Dakota Petroleum Transportation Solutions Facility, New Town, ND**

Sample Location		DPTS-22-Trench 1	DPTS-22-Trench 2	DPTS-22-Trench 3	DPTS-22-Trench 4	DPTS-22-Trench 5	DPTS-22-Boom West	DPTS-22-Boom South	DPTS-22-CEN Wetland	Action Level
	Units									
Sample Date		6/03/12	6/03/12	6/03/12	6/03/12	6/03/12	6/03/12	6/03/12	6/03/12	
Lithology		Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay	
Depth	(feet)	Surface	Surface	Surface	Surface	Surface	Surface	Surface	Surface	
Chemical of Concern										
TEM	mg/kg	4.2J	4.4J	1.0 J	2.1J	<b>10.3J</b>	3.0J	5.0J	<b>13.1J</b>	10
TEHs	mg/kg	NA	NA	NA	NA	NA	NA	NA	<b>16.0</b>	10
Benzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	200
Ethylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	1,500
Toluene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	1,000
Xylene (Total)	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	300,000

Notes: mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm) dry weight.  
µg/kg = Micrograms per kilogram dry weight.  
ND = Not detected to reporting limits  
NA = Not Analyzed  
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.  
**BOLD** – Detected result exceeds Action Level

Concentrations of the confirmation soil samples collected during the June 3, 2012 excavation activities were below the TEM action limit of 10 mg/kg at six of the eight sample locations. At locations DPTS-22-Trench 5 and DPTS-22-CEN Wetland, the TEM action limit was exceeded; however, only the DPTS-22-CEN Wetland sample was analyzed for TEH, which also exceeded the action limit of 10 mg/kg. No volatiles were detected.

On August 30, 2012, four confirmation soil samples were collected in the grassy area near the southwest corner of the facility. Pinnacle Engineering identified potential impacted areas, established sample locations, and collected split samples with URS at the established locations. Analytical results are shown on **Table 4**.

Table 4  
Laboratory Analysis Soil Verification DPTS-22  
Split Sampling in the Grassy Area SW of the Facility  
Dakota Petroleum Transportation Solutions Facility, New Town, ND

Sample Location		DPTS-22-1	DPTS-22-2	DPTS-22-3	DPTS-22-Off	DPTS-22-4	Action Level
	Units						
Sample Date		8/30/12	8/30/12	8/30/12	9/14/12	8/30/12	
Lithology		Clay	Clay	Silt/Clay		Clay	
Depth	(feet)	Surface	Surface	Surface	Surface	Surface	
Chemical of Concern							
TEM	mg/kg	3.2J	6.9J	<b>385</b>	1.3J	2.4J	10
TEHs	mg/kg	2.6J	NA	<b>84.6</b>	NA	NA	10
Benzene	µg/kg	ND	ND	ND	ND	ND	200
Ethylbenzene	µg/kg	ND	ND	ND	ND	ND	1,500
Toluene	µg/kg	20.3J	28.3J	29J	ND	42.5J	1,000
Xylene (Total)	µg/kg	ND	ND	ND	ND	ND	300,000

Notes: mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm) dry weight  
µg/kg = Micrograms per kilogram dry weight  
ND = Not detected to reporting limits  
NA = Not Analyzed  
J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit  
**BOLD** – Detected result exceeds Action Level

Concentrations of the confirmation soil samples collected during the August 30, 2012 soil sampling activities were below the TEM action limit of 10 mg/kg at three of the four sample locations. At location DPTS-22-3, the TEM action limit was exceeded and as a result, the sample was analyzed for TEH, which also exceeded the action limit of 10 mg/kg. No volatiles were detected. As a result of the exceedances, less than one yard of soil was removed and properly disposed of at Sawyer Disposal Services LLC near Sawyer, ND.

Following excavation activities, one additional sample (DPTS-2-OFF) was collected by URS on September 14, 2012 and reanalyzed. The sample was located at the DPTS-22-3 sample location. The concentration of the confirmation soil sample collected on September 14, 2012 was below the TEM action limit of 10 mg/kg. Sample locations and headspace readings are shown in **Figure 6**. A summary of analytical testing results is shown on **Table 4**.

On October 7, 2013, URS excavated the location on the road bed at sampling location DPTS-22-NW for resampling. This sample location had exceeded the action limits in May 30, 2012. The sample is referred to as DPTS-22-NW-R; laboratory results are shown in **Table 5**.

**Table 5**  
**Laboratory Analysis Soil Verification DPTS-22**  
**Track Excavation**  
**Dakota Plains Holdings Transloading Facility, New Town, ND**

Sample Location		DPTS-22-NW-R	Action Level
	Units		
Sample Date		10/07/2013	
Lithology		Gravel Fill	
Depth	(feet)	0.75	
Chemical of Concern			
TEM	mg/kg	<1.5	10
TEHs	mg/kg	NA	10
Benzene	µg/kg	ND	200
Ethylbenzene	µg/kg	ND	1,500
Toluene	µg/kg	ND	1,000
Xylene (Total)	µg/kg	ND	300,000

Notes: mg/kg = Milligrams per kilogram, equivalent to parts per million (ppm) dry weight  
µg/kg = Micrograms per kilogram dry weight  
ND = Not detected to reporting limits  
NA = Not Analyzed  
J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

#### 4.0 CONCLUSIONS

The confirmation soil samples collected from the west end and bank pond area into the grassy area had no detection of petroleum hydrocarbons above action levels or volatiles (**Table 1**). This area has been backfilled and completely restored. No further action is required.

The soil samples collected from the south grassy area were also not detected above action levels for all analyses except for DPTS-22-3 (**Table 4**). Additional excavation was completed at this location and area resampled on September 14, 2012 (DPTS-22-OFF). The resample was below action levels; therefore no further action is needed in the south grassy area.

The area that includes the trench flow between tracks 3 and 4 as well as the discharge area were sampled (**Table 3**) and all results were below action levels except DPTS-22-5 (TEM at 10.3J mg/kg) and DPTS-22-Cen Wetland (TEM at 13.1J mg/kg). Both areas have been re-graded and restored.

The spill excavation of the track and road bed sample results (**Table 2**) show that only one sample (DPTS-22-NW) was above action levels. Both the TEM and TEHs were 17.6 mg/kg at this location in the road bed north of Track#3. This site was resampled shown as sample DPTS-22-NW-R in **Table 5** and was below action levels. No further action is recommended for the excavation area.

The data generated and conclusions provided are based upon the scope of work performed. All work was conducted in a manner consistent with customary principles in the fields of science and engineering. URS Corporation is not responsible for the independent conclusions, opinions, or recommendations made by others based on the data presented in this report.

The preceding report was prepared by URS personnel.

Submitted by:



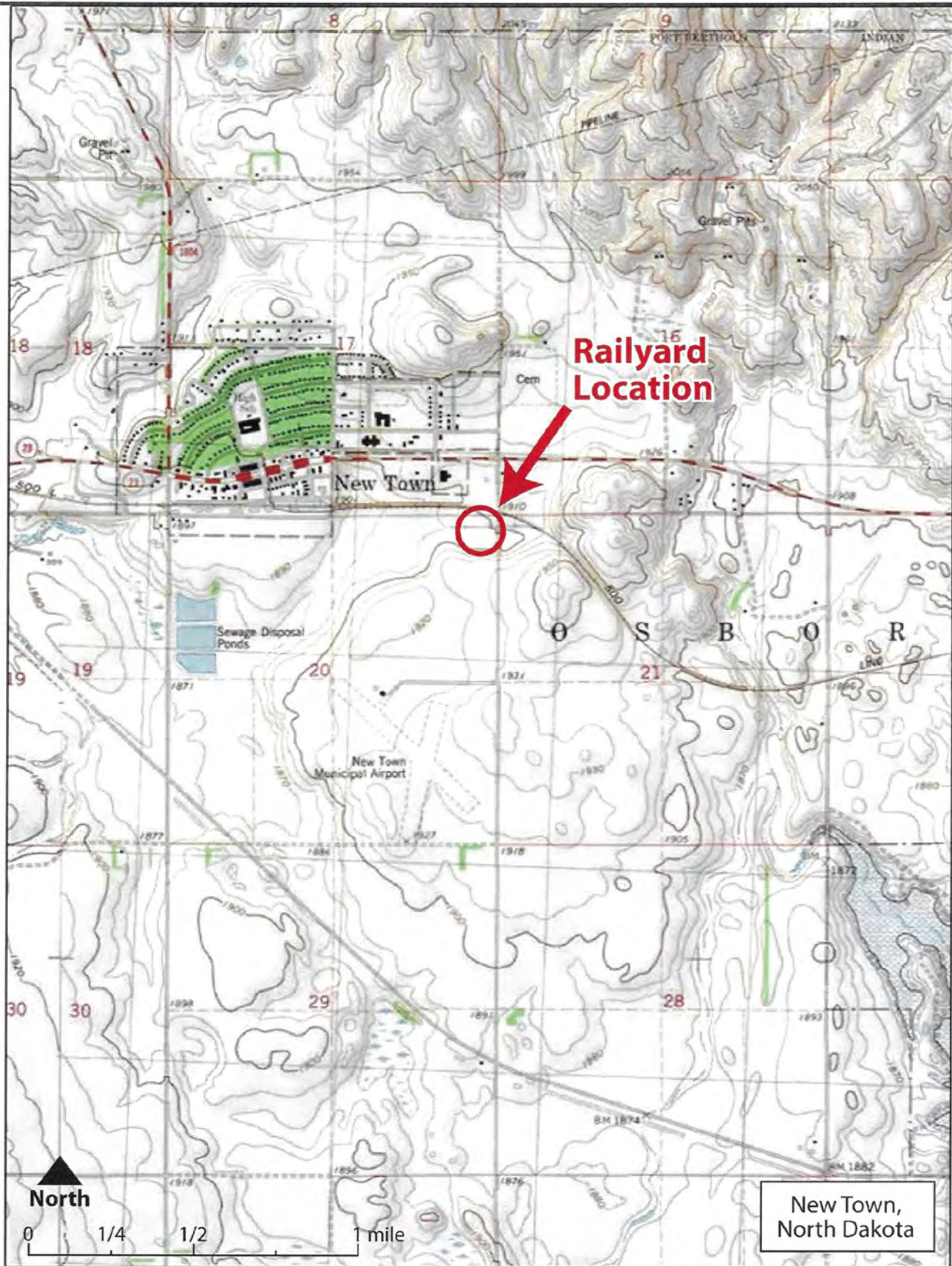
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Hubert H. Huls, PE  
Principal Engineer

January 20, 2014

Date





RAIL YARD LOCATION MAP

**URS**

DAKOTA PLAINS HOLDINGS, INC.  
NEW TOWN, ND

FIFTH STREET TOWERS  
100 SOUTH FIFTH STREET, SUITE 1500  
MINNEAPOLIS, MINNESOTA 55402  
612.370.0700 TEL  
612.370.1378 FAX  
WWW.URSCORP.COM

DRW: JAA

DATE: 12/7/12

FIG NO.

CHK: HH

DATE: 12/7/12

1

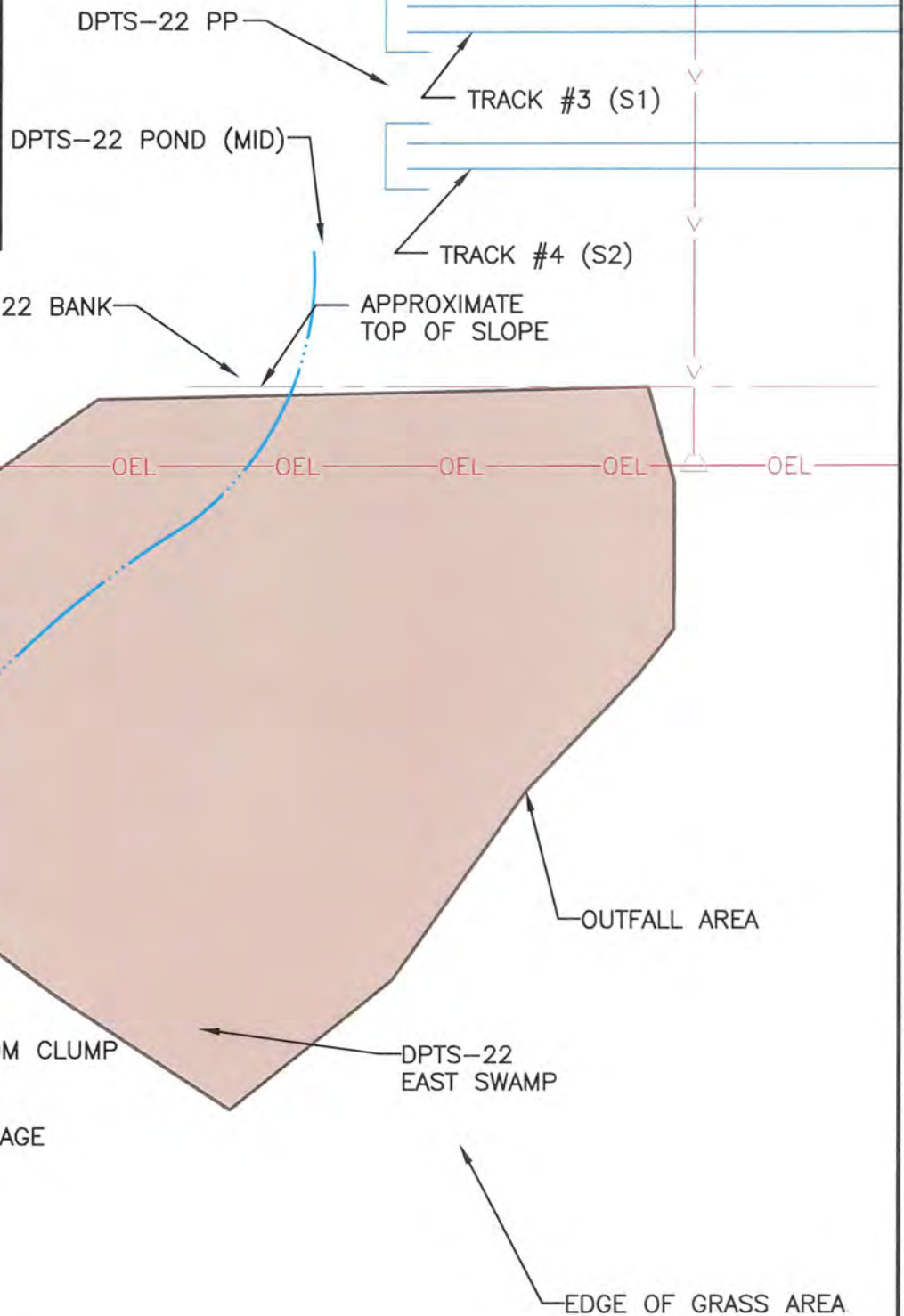




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## LEGEND

- EXCAVATED SPILL AREA
- RAIL ROAD TRACKS
- APPROXIMATE TOE OR TOP OF SLOPE
- STREAM
- LOW LYING GRASS AREA
- OEL
- OVERHEAD POWER
- POWER PEDESTAL
- LIGHT POLE
- POWER POLE
- CULVERT



CONFIRMATION  
SOIL SAMPLES COLLECTED  
FOR TEM, TEH & BTEX 8260  
SAMPLES COLLECTED 05-09-2012  
CLEAN UP DATE 05-05-2012



DPTS-22 OUTFALL CONFIRMATION SOIL SAMPLES AND EXCAVATION  
05-09-2012

**URS**

DAKOTA PLAINS HOLDINGS, INC.  
NEW TOWN, ND

FIFTH STREET TOWERS  
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DRW: JAA

DATE: 4/8/13

PROJECT NO.

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38702476

3



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## LEGEND

- EXCAVATED SPILL AREA
- RAIL ROAD TRACKS
- APPROXIMATE TOE OR TOP OF SLOPE
- STREAM
- LOW LYING GRASS AREA
- OEL OVERHEAD POWER
- POWER PEDESTAL
- LIGHT POLE
- POWER POLE
- CULVERT

APPROXIMATE  
TOP OF SLOPE

TRACK #1 (N1)

TRACK #2 (N2)

DPTS-22-N  
(HS=0.5 PPM)  
(-1.0' SIDEWALL)

DPTS-22-NW  
(HS=0.9 PPM)  
(-1.5' SIDEWALL)

DPTS-22-NE  
(HS=0.5 PPM)  
(-2.5' SIDEWALL)

DPTS-22-MID  
(HS=0.3 PPM)  
(-1.5' SIDEWALL)

DPTS-22-E  
(HS=1.4 PPM)  
(-1.5' SIDEWALL)

DPTS-22

TRACK #3 (S1)

DPTS-22-SW  
(HS=0.0 PPM)  
(-1.0' SIDEWALL)

DPTS-22-SE  
(HS=0.3 PPM)  
(-1.5' SIDEWALL)

TRACK #4 (S2)

CONFIRMATION  
SOIL SAMPLES COLLECTED  
FOR TEM, TEH & BTEX 8260  
PID METER-MINI RAE 3000 11.7ev LAMP  
CLEAN UP DATE 05-30-2012



DPTS-22 CONFIRMATION SOIL SAMPLES AND EXCAVATION  
05-30-2012

**URS**

DAKOTA PLAINS HOLDINGS, INC.  
NEW TOWN, ND

FIFTH STREET TOWERS  
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MINNEAPOLIS, MINNESOTA 55402  
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612.370.1378 FAX  
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DRW: JAA

DATE: 4/8/13

PROJECT NO.

FIG NO.

CHK: HH

DATE: 4/8/13


38702476

5





<b>Client Name:</b> Dakota Plains Holdings, Inc.		<b>Site Location:</b> Dakota Plains Holdings, Inc. Mountrail County, New Town, North Dakota	<b>Project No.</b> 38702476.00001
<b>Photo No.</b> 1	<b>Date</b> May 5, 2012		
<b>Direction Photo Taken:</b> South			
<b>Description:</b> DPTS-22 track bed spill.			


<b>Photo No.</b> 2	<b>Date</b> May 5, 2012	
<b>Direction Photo Taken:</b> East		
<b>Description:</b> Trench area between Tracks 3 and 4 with oil booms and adsorbent pads.		

## **Appendix A**

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### **Photo Documentation**



<b>Client Name:</b> Dakota Plains Holdings, Inc.		<b>Site Location:</b> Dakota Plains Holdings, Inc. Mountrail County, New Town, North Dakota	<b>Project No.</b> 38702476.00001
<b>Photo No.</b> 3	<b>Date</b> May 5, 2012		
<b>Direction Photo Taken:</b> South			
<b>Description:</b> Culvert and southeastern grassy area diversion bypass trench around the spill flowage area that is located beyond the west edge of picture.			

<b>Photo No.</b> 4	<b>Date</b> May 5, 2012	
<b>Direction Photo Taken:</b> South		
<b>Description:</b> Temporary pond for rainwater collection and oil skimming.		



<b>Client Name:</b> Dakota Plains Holdings, Inc.		<b>Site Location:</b> Dakota Plains Holdings, Inc. Mountrail County, New Town, North Dakota	<b>Project No.</b> 38702476.00001
<b>Photo No.</b> 5	<b>Date</b> May 5, 2012		
<b>Direction Photo Taken:</b> South			
<b>Description:</b> Storm water flowage to grassy area with booms and plastic adsorbent.			
<b>Photo No.</b> 6	<b>Date</b> May 5, 2012		
<b>Direction Photo Taken:</b> North			
<b>Description:</b> Storm water flowage in grassy area with booms and plastic adsorbent.			



<b>Client Name:</b> Dakota Plains Holdings, Inc.		<b>Site Location:</b> Dakota Plains Holdings, Inc. Mountrail County, New Town, North Dakota	<b>Project No.</b> 38702476.00001
<b>Photo No.</b> 7	<b>Date</b> June 3, 2012		
<b>Direction Photo Taken:</b> Southwest			
<b>Description:</b> Grassy area post clean-up sampling.			


<b>Photo No.</b> 8	<b>Date</b> May 30, 2012	
<b>Direction Photo Taken:</b> Southwest		
<b>Description:</b> Start of excavation of track #3 and road bed.		





## PHOTOGRAPHIC LOG

<b>Client Name:</b> Dakota Plains Holdings, Inc.		<b>Site Location:</b> Dakota Plains Holdings, Inc. Mountrail County, New Town, North Dakota	<b>Project No.</b> 38702476.00001
<b>Photo No.</b> 9	<b>Date</b> May 30, 2012		
<b>Direction Photo Taken:</b> Southwest			
<b>Description:</b> Complete excavation of track and road base of spill area DPTS-22.			
<b>Photo No.</b> 10	<b>Date</b> May 30, 2012		
<b>Direction Photo Taken:</b> West			
<b>Description:</b> Initial filling of excavation on track and road bed for DPTS-22.			

<b>Client Name:</b> Dakota Plains Holdings, Inc.		<b>Site Location:</b> Dakota Plains Holdings, Inc. Mountrail County, New Town, North Dakota	<b>Project No.</b> 38702476.00001
<b>Photo No.</b> 11	<b>Date</b> May 31, 2012		
<b>Direction Photo Taken:</b> West			
<b>Description:</b> Placement of geofabric in excavation area of track bed and road base of DPTS-22.			

<b>Photo No.</b> 12	<b>Date</b> June 3, 2012	
<b>Direction Photo Taken:</b> East		
<b>Description:</b> Finishing Track #3 replacement.		





## PHOTOGRAPHIC LOG

**Client Name:**  
Dakota Plains Holdings, Inc.

**Site Location:**  
Dakota Plains Holdings, Inc. Mountrail County, New Town,  
North Dakota

**Project No.**  
38702476.00001

**Photo  
No.**  
13

**Date**  
August 31, 2012

**Direction Photo Taken:**

North

**Description:**

Grassy area for sampling  
location DPTS-22-3. This  
was also the location that  
less than a yard of soil was  
excavated and then re-  
sampled as DPTS-22-OFF.

